

DEPARTMENT OF MILITARY AFFAIRS
Proposed Projects Involving the General Fund (cash or bonds)
(amounts in **bold** are the total budget)

2018-2020

(Project listed by agency priority; descriptions are from the agency submission)

- 1 Armory Installation Facility Maintenance Pool \$8,000,000**
This pool of funds includes maintenance, alteration, and renovation projects to protect real property and lengthen facility lifespans. Additionally, the pool will help adjust to changes in Kentucky National Guard units missions, and keep department facilities in working order by avoiding more costly major maintenance and repair projects. A maintenance inspection of the Commonwealth's National Guard Armories conducted by the Department of Military Affairs' Facilities Management Division in 2015 determined this agency has a deferred maintenance backlog of over 26 million dollars, which has an annual growth averaging 11 percent (11%). Classifications of projects include but are not limited to kitchen and restroom renovations, roof repairs and replacements, modernization of HVAC and electrical systems, code compliance, mold and asbestos abatement, and maintenance of roads. (C-PI)
- 2 Modernization Pool KY National Guard Armories \$8,000,000**
This project will be 75% federally funded and 25% state funded. The purpose of the project is to modernize the Commonwealth's National Guard Armories to meet current National Guard Bureau requirements. The majority of the armories in Kentucky are over 40 years old and modern requirements such as female latrines and energy efficient windows were not required at the time of construction. This project proposes to address those needs. (C-PI)
- 3 Construct New Bridge Over Highway 181 at WHFRTC \$1,000,000**
This project proposes to construct a bridge over Highway 181 in Greenville at the Wendell H. Ford Regional Training Center (WHFRTC). This project would replace an existing bridge that is unable to handle the amount of traffic that crosses it every day and has been damaged numerous times. This project would be 75% federal and 25% state funded. (C-PI)
- 4 Construct Morale, Welfare and Recreation Facility at WHFRTC \$1,000,000**
This project proposes to construct an approximately 5,000 square foot Morale, Welfare and recreation facility at the WHFRTC in Greenville KY. The facility would provide a range of community support and quality of life programs for members of the KY National Guard and their families and to members of the many non-military organizations that use WHFRTC for training purposes. The project would be 50% federal funded and 50% state funded. (C-PI)
- 5 Infrastructure Upgrades Butler Building \$2,000,000**
This project proposes to perform infrastructure upgrades to the Butler Army Reserve Building at Bowman Field in Louisville. The Butler Reserve Building was turned over to the Department of Military Affairs by the Department of Defense in 2013. Military Affairs has renovated the interior of the building but now would like to replace the roof, gutters, windows, and make other infrastructure upgrades that were outside the scope of the original renovation project. (C-O)
- 6 Install Solar Panels at Armories Statewide \$1,651,000**
This 75% federal 25% state project would install solar panels on all National Guard Armories throughout the Commonwealth. This project could significantly reduce utility costs for the Commonwealth as well as meet federal Executive Order 13423 and 13514, which specify a requirement for both renewable energy generation and monitored energy reduction. (C-PI)
- 7 Construct Armory Addition-Shelbyville \$2,201,000**
This project will be 75% federally funded and 25% state funded and will construct a 9,700 square foot addition to the current armory by the construction of an assembly hall, kitchen, and locker room. Expansion of the armory will provide adequate training and support spaces for the assigned unit. Project is a priority item on the federal National Guard Long Range Construction Plan but has not yet been included in the federal Five Year Defense Plan (FYDEP). (C-O)

- 8 Construct Armory Addition-Brandenburg \$2,201,000**
This project 75% federally funded and 25% state funded will construct a 9,700 square foot addition to the current armory by the construction of an assembly hall, kitchen, and locker room. Expansion of the armory will provide adequate training and support spaces for the assigned unit. Project is a priority item on the federal National Guard Long Range Construction Plan but has not yet been included in the federal Five Year Defense Plan (FYDEP). (C-O)
- 9 Construct Armory Addition-Leitchfield \$2,201,000**
This project will be 75% federally funded and 25% state funded and will construct a 9,700 square foot addition to the current armory by the construction of an assembly hall, kitchen, and locker room. Expansion of the armory will provide adequate training and support spaces for the assigned unit. Project is a priority item on the federal National Guard Long Range Construction Plan but has not yet been included in the federal Five Year Defense Plan (FYDEP). (C-O)
- 10 Construct Facility for NGB Public Affairs Unit \$1,201,000**
This 75% federal 25% state funded project would construct a 1,000 to 2,000 square foot facility to relocate the Mobile Public Affairs Detachment to Boone National Guard Center. The new construction would include parking, administrative and storage space. (C-PI)

2020-2022

Armory Installation Facility Maintenance Pool	\$9,720,000
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2022-2024

Armory Installation Facility Maintenance Pool	11,720,000
Construct Field Maintenance Shop Glasgw/Bowl Grn	12,000,000

DEPARTMENT OF MILITARY AFFAIRS
Other Proposed Projects
(Projects listed in alphabetical order)

2018-2020

Bluegrass Station Facility Maintenance Pool **\$2,000,000 RF**

The Bluegrass Station Facility Maintenance Pool contains projects for the repair and/or improvement of buildings and infrastructure at Bluegrass Station (Department of Military Affairs). Projects are urgent because of safety, code enforcement, and/or tenant concerns. Classifications of projects will include, but not be limited to, emergency roof repairs, repair of burst water mains, upgrade of sprinkling systems, and maintenance and repair of roadways. These upgrades are needed so Bluegrass Station can continue to provide service to its tenants. (C-PI)

Construct Addition to Armory #4 Frankfort **1,202,000 RF/FF**

This project which is 75% federal and 25% state funded proposes to build an approximately 1,000 to 2,000 square foot addition to Armory No. 4 in Frankfort to support the National Guard Military Band Unit. The project will provide much needed storage and practice space for the unit. The acoustical properties of the practice area will also be upgraded. (C-PI)

Construct Aircraft Hangars at Bluegrass Station **15,600,000 OT-LTF**

This project will construct hangars and ramps to repair and modify "Little Bird" Special Operations Forces aircraft that have seen service overseas in the war on terrorism. The hangar will be a 78,000 square foot insulated building with heating, lights and restrooms. (C-PI)

Construct and Extend Electric Bluegrass Station **4,500,000 RF**

This project will upgrade the electrical systems at Bluegrass Station so it can manage the demands to be made upon it from expected growth. The upgraded electrical system will provide adequate capacity for all existing and projected loads on the facility and provide reserve power for future expansion. (C-PI)

Construct Building 352 Bluegrass Station **7,000,000 OT-LTF**

This project will construct an approximately 140,000 square foot centralized maintenance and training facility for a major tenant of Bluegrass Station. The facility will consolidate rotary aircraft wing work that is currently done at the Bluegrass Army Depot in Richmond under one roof at Bluegrass Station. This facility will also be capable of new work on special aircraft which is done out of state. (C-O)

Construct CERF-P Building Phase II **950,000 FF**

This 100% federally funded project will construct an additional 2,000 sq. ft. to the existing CERF-P building at Boone National Guard Center. The additional space will provide administrative space and military vehicle parking. (C-PI)

Construct Chargeable Housing Facility WHFRTC **650,000 FF**

This 100% federally funded project would construct a 3,000 square foot housing facility at the Wendell H. Ford Regional Training Center (WHFRTC) at Greenville. The facility would provide housing for military and civilian personnel using WHFRTC for training purposes. (C-PI)

Construct Climate Control Bluegrass Station **2,000,000 FF**

This project would enhance selected facilities to Air Force standards for storage of high dollar inventory. Without this capability, tenants will eventually seek other facilities. (C-PI)

Construct Field Maintenance Shop 1 Conversion **3,300,000 FF**

This project will provide an additional 10,000 square feet of new space to the existing Field Maintenance Shop 1 in Ashland. The additional space will convert the existing Field Maintenance Shop 1 into a modern facility that can provide sustainment level maintenance capability and comply with new Department of Defense maintenance standards. (C-PI)

- Construct Field Maintenance Shop Burlington** **8,000,000 FF**
This is a 100% federally funded project to construct a 12,000 square foot Field Maintenance Shop in Burlington. The new facility would be constructed adjacent to the Readiness Center in Burlington and would accommodate the maintenance of military equipment. This new facility would replace the leased Maintenance Shop currently in use at Burlington. (C-O)
- Construct Field Maintenance Shop Louisville** **3,300,000 FF**
This project will construct a new military Field Maintenance Shop (FMS) in Louisville. The new facility will be a modern facility that sustains our military equipment in accordance with new Department of Defense maintenance standards. This new facility will replace the existing Field Maintenance Shop 8 at the Louisville Fairgrounds. (C-PI)
- Construct Fire Protection Upgrades BLGS Station** **2,500,000 RF**
Project proposes to install a centralized sprinkler monitoring system that will provide enhanced levels of protection for Bluegrass Station investments. Most of the buildings at Bluegrass Station were built in the 1940s and 1950s and the existing sprinkler systems in the older and newer structures have never been connected to a centralized sprinkler/alarm monitoring system. (C-PI)
- Construct Fire Station Bluegrass Station** **3,500,000 RF**
This building would be a modern, fully equipped Fire Station for use by the Lexington-Fayette County Urban Government Fire Department that is currently stationed at Bluegrass Station. It will also provide enhanced fire protection services to support the mission of Bluegrass Station's tenants and the surrounding communities. (C-O)
- Construct/Improve Sewer System Bluegrass Station** **5,000,000 RF**
This project constructs new sewer lines and makes improvements to the existing sewer system. Effluent discharge from an aging plant, operated by a contractor, is an ongoing concern from local, state and national agencies. This project is essential to the future of Bluegrass Station. (C-PI)
- Construct Joint Forces Headquarters Phase I BNGC** **17,000,000 FF**
This project is 100% federally funded and would construct a 165,000 square foot Joint Forces Headquarters Readiness Center at Boone National Guard Center in Frankfort. The facility would provide a centralized location of Federal Directors of the KY National Guard. Land is available at Boone Center. Project is a priority item on the federal National Guard Long Range Construction Plan (C-PI)
- Construct Multi-purpose Bldg Bluegrass Station** **15,000,000 OT-LTF**
This project allows the just in time construction of a facility required to service activities for tenants to add or keep missions at Bluegrass Station. (C-O)
- Construct Parking Improvements Bluegrass Station** **3,200,000 RF**
This project will improve the parking space at Bluegrass Station to meet the demands caused by continued growth and employment. Improvements include site drainage management, asphalt and concrete paving, additional lighting, signage and pedestrian and vehicle management components and systems. (C-PI)
- Construct Pre-engineered Bldgs Bluegrass Station** **2,200,000 RF**
These small buildings appeared as "pole barns" in previous plans but also need to include metal structures. The structures are generally less than 9,000 square feet each. The construction of these warehouses will meet a critical need for additional dry storage space for the tenants of Bluegrass Station (C-O)
- Construct Qualification Training Range WHFRTC** **6,515,000 FF**
This 100% federally funded project proposes to construct a Qualification Training Range at Wendell H Ford Regional Training Site (WHFRTC). The project will construct three separate firing ranges with a total of 34 lanes and a 2,000 sq ft ammunition storage and breakdown building. These ranges are needed in order to adequately support battalion sized training elements on WHFRTC that will allow National Guard troops to acquire and maintain proficiency required for combat units. (C-O)

Construct Response Group Bldg KyANG Phase 1	7,200,000 FF
This 100% federally funded project would construct a 83,000 square foot facility to meet the need of the Contingency Response Group (CRG) at the Air Guard Base at Standiford Field in Louisville. The unit requires administrative space for the 115 traditional guardsmen/14 full-time personnel associated with the various functional elements and storage space for approximately 200 tons of mobility equipment. Security forces provides support worldwide as does the services unit and they require adequate training space to meet deployment requirements. (C-O)	
Construct Road Improvements Bluegrass Station	5,000,000 RF
This project will upgrade the road system at Bluegrass Station to be able to handle large truck traffic. This will require increasing the structural integrity of road beds and shoulders and enhancement of storm water drainage along the roads. (C-PI)	
Construct Rubble Training Area Bluegrass Station	600,000 RF
This project would allow all Homeland Security agencies to train for disaster response in cases of destroyed or rubble buildings and infrastructure. This facility would be leased primarily to Consequence Management (CoMSUPCEN) but be used by a myriad of agencies. This project brings another capability/draw to Bluegrass Station. (C-O)	
Construct Solar Projects Bluegrass Station	10,000,000 RF
This project will allow compliance with DOD directives to gradually reduce energy consumption. This project could significantly reduce utility costs as well as meet federal Executive Orders 13423 and 13514 which specify requirements for both renewable energy generation and monitored energy reduction. (C-O)	
Construct Structural Repairs Harrodsburg Armory	660,000 RF/FF
This 50% federal 50% state funded project will repair structural damage to the walls and flooring system of the National Guard Armory at Harrodsburg. The structural stability and safety of the facility has been compromised due to the settling of the foundation. (C-PI)	
Construct Structural Repairs Walton Armory	660,000 RF/FF
This 50% federal 50% state funded project will repair structural damage to the walls and flooring system of the National Guard Armory at Walton. The structural stability and safety of the facility has been compromised due to the settling of the foundation. (C-PI)	
Construct Support Building WHFRTC	825,000 FF
This 100% federally funded project proposes to construct an approximately 5,000 sq ft building to serve as administrative and storage space to the maintenance staff at Wendell H Ford Regional Training Center (WHFRTC). (C-PI)	
Construct TADSS Storage Facility at WHFRTC	1,000,000 FF
This 100% federally funded project proposes to construct a 5,000 square foot facility to provide a secure storage area for the aids and devices used in combat simulators and shoot ranges at the Wendell H. Ford Regional Training Center (WHFRTC) in Greenville. (C-PI)	
Construct Two AC 130 Hangars Bluegrass Station	21,000,000 OT-LTF
This project would construct two (2) Hangar buildings and ramps to repair and modify C-130 Special Operations Forces aircraft that have seen service overseas in the war on terrorism. Each hangar will be a 78,000 square foot insulated building with heating, lighting and restrooms. (C-PI)	
Construct Unit Training Equipment Site WHFRTC	12,000,000 FF
This project is 100% federally funded and will provide additional training facilities and supported infrastructure needed to support military training on this site. (C-PI)	
Demolish Combined Support Maintenance Building	825,000 FF
This project will demolish the Combined Support Maintenance Building (CSMS) at Boone Center. The existing CSMS building is located at the site of the proposed Joint Forces Headquarters Facility and will be demolished to make way for that project. (C-PI)	

Demolish Obsolete Structures Bluegrass Station	1,000,000 RF
Remove structures and site amenities required to provide more space to build newer facilities to meet the needs of current tenants. For example: the original heating plant, temporary buildings, and unused loading docks. (C-O)	
Equip Fire Station at Bluegrass Station	2,000,000 RF
This project proposes to fully equip the new fire station for use by the Lexington-Fayette Urban County Government fire department currently stationed at Bluegrass Station. This equipment will provide enhanced fire protection services to support the mission of Bluegrass Station's Aviation tenants and the surrounding communities. (C-PI)	
Expand Creech Runway Bluegrass Station	30,000,000 OT-LTF
This project would construct a 8,000 foot runway extension that would allow for the repair and maintenance of fixed-wing aircraft, specifically C-130s and UAVs. This project would allow Bluegrass Station's major tenant or its major contractors to consolidate nationwide operations in Kentucky. (C-O)	
Expand Range Operations Building at WHFRTC	1,000,000 FF
This 100% federally funded project would be a 5,000 square foot expansion of the Range Operations Building at the Wendell H. Ford Regional Training Center (WHFRTC) in Greenville. The expansion would increase security during peak visitation periods at the training center. (C-PI)	
Expand Vehicle Storage Bay WMD Bldg Louisville	1,072,000 FF
This 100% federally funded project will expand the vehicle storage bay at the Weapons of Mass Destruction Building at the Louisville International Airport. The expansion is needed to ensure mission readiness and protect mission essential equipment. (C-O)	
Extend Taxiway and Ramps Bluegrass Station	1,700,000 RF
This project will extend an existing aircraft taxiway and ramps to the two new hangars to be built. The taxiway is needed to move aircraft to and from the new hangars. (C-PI)	
Extension of Utilities W. H. Ford Training Site	1,650,000 FF
This is a 100% federally funded project to extend utility services to the unserved portions of the Wendell H Ford Regional Training Site (WHFRTC). WHFRTC is the largest National Guard training facility east of the Mississippi River and is used by troops from Kentucky and all surrounding states for military training and fire fighter certification training. (C-PI)	
Improve Access Roads Bluegrass Station	1,000,000 RF
This project provides a road network for testing and exercise of the thousands of vehicles sent through Bluegrass Station. This capability must be constantly maintained to keep this type of work. (C-O)	
Improvement of Landfill Bluegrass Station	5,000,000 RF
This project will be needed to move landfill to strategically place air strip improvement to ideal site for landings and takeoffs. (C-PI)	
Install Backup Generators Bluegrass Station	4,000,000 RF
This project provides a generator at a time beside high priority buildings. This dedicated generator method also avoids the risk associated with the loss of overhead transmission lines. "Redundant utilities" is a high value capability to the type of tenants on Bluegrass Station. (C-PI)	
Install Solar Energy Photovoltaic Panels	4,311,000 FF
This project proposes to install 72kW Solar Energy Photovoltaic (PV) Panels at 100% federally funded Military Affairs facilities identified as high energy consumers. This project could significantly reduce utility costs for the Commonwealth as well as meet federal Executive Order 13423 and 13514 which specify a requirement for both renewable energy generation and monitored energy reduction. (C-PI)	

Mitigate Vulnerabilities Bluegrass Station**5,000,000 RF**

Project will provide increased security enhancement and “hardening” of the facility’s perimeter fence and points of access with additional cable barriers, bollards and denial barriers. Also included are facilities for screening of personnel and cargo entering the premises, installation of video cameras and monitors, “Big Voice” system and RF tagging. (C-PI)

Replace and Repair Roofs Bluegrass Station**6,500,000 RF**

Bluegrass Station facilities includes over 2,000,000 square feet of roof surface that require continual maintenance and repairs. Due to the advanced age of a majority of roofs protecting the physical plant is imperative to protect customers assets stored in each building. In a majority of instances the dollar value of the material stored exceeds the value of the buildings in which it is housed. (C-PI)

Repurpose Central Steam Plant Bluegrass Station**3,000,000 RF**

This project proposes to renovate the 9,400 square foot vacant central steam plant building at Bluegrass Station. The renovations will allow the building to be used for cold storage, recycling storage or other functions that may generate additional revenue. (C-PI)

Upgrade BGS Northern Area Infrastructure**10,000,000 RF**

This project proposes to construct new road, fencing and gates, electrical distribution system, domestic and fire protection water system and sewage treatment facility to support development of the currently undeveloped area planned for development and future growth per the Bluegrass Station Master Plan. (C-PI)

Upgrade Security Infrastructure Bluegrass Station**1,500,000 RF**

This project proposes to enhance the roads, drives, utilities and lighting outside the perimeter fence that will allow for easier access to Bluegrass Station and enhance security in a more broad approach. (C-PI)

2020-2022

Bluegrass Station Facility Maintenance Pool	\$2,000,000 RF
Construct CERF-P Building Phase III	950,000 FF
Construct Contingency Lot Bluegrass Station	710,000 RF
Construct DLA Warehouse Bluegrass Station	15,000,000 OT-LTF
Construct Exchange Facility Bluegrass Station	800,000 OT-LTF
Construct General Warehouse Bluegrass Station	3,700,000 OT-LTF
Construct Green Projects Bluegrass Station	10,000,000 RF
Construct Response Group Bldg KyANG Phase 2	11,200,000 FF
Construct Training Center Bluegrass Station	15,000,000 OT-LTF
Construct Two MC 130 Hangars Bluegrass Station	21,000,000 OT-LTF
Install Digital Fiber Bluegrass Station	3,000,000 RF
Renovate Infrastructure Bluegrass Station Phase2	10,300,000 R

2022-2024

Bluegrass Station Facility Maintenance Pool	2,000,000 RF
Construct Armed Forces Readiness Center Maysville	12,000,000 FF
Construct Armed Forces Ready Center Middlesboro	12,000,000 FF
Construct Armed Forces Reserve Center Bardstown	12,000,000 FF
Construct Environmental and Recycle Bldg BNGC	1,000,000 RF/FF
Construct Fire House Expansion KyANG Louisville	2,000,000 FF
Construct Multi-purpose Warehouse BGS	15,000,000 OT-LTF
Construct Readiness Center WHFRTC	20,000,000 FF
Expand Headquarters Building at WHFRTC	1,000,000
FF Expand Troop Medical Command Clinic WHFRTC	1,000,000 FF
Renovate Infrastructure Bluegrass Station Phase 3	10,000,000 RF